

AMPLIFIER CIRCUIT WITH PASSIVE GAIN STEP CIRCUIT**ABSTRACT**

5

An amplifier circuit includes an amplifier connected between an HF input and HF output and a coupling circuit connected in parallel to the amplifier between the HF input and the HF output. The coupling circuit includes an input

10 bipolar transistor whose collector terminal or emitter terminal is high-frequency coupled to the HF input, and a coupling diode structure which is high-frequency coupled between the base terminal of the input bipolar transistor and the HF output.

15